

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001486

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: D21F 3/02 ✓

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: D21F, D21G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI-DATA, EPO-INTERNAL

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 3030233 A1 (J.M. VOITH GMBH), 18 February 1982 (18.02.1982), The whole document --	1-3,6-8, 10-16,19-30, 32-34
A	US 5951824 A (RAJENDRA D. DESHPANDE), 14 Sept 1999 (14.09.1999), column 3, line 12 - line 16, abstract --	1-34
A	US 4468287 A (HANS DAHL), 28 August 1984 (28.08.1984), column 3, line 50 - line 57, figure 1 --	1-32

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

20 January 2005

Date of mailing of the international search report

09-02-2005

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 0244467 A2 (RAJAMÄKI, TEUVO), 6 June 2002 (06.06.2002), The whole document  --	1-34
A	US 6334933 B1 (ILPO KOSKI), 1 January 2002 (01.01.2002), column 2, line 25 - line 46  --	1-34
A	US 4851119 A (DAG BERGLÖFF ET AL), 25 July 1989 (25.07.1989), The whole document  -- -----	1-34

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DE	3030233	A1	18/02/1982	NONE		
<hr/>						
US	5951824	A	14/09/1999	CA	2239841 A,C	19/12/1998
				JP	2906234 B	14/06/1999
				JP	11043887 A	16/02/1999
<hr/>						
US	4468287	A	28/08/1984	AT	49381 A	15/12/1985
				AT	380907 B	25/07/1986
				DE	3105276 A	12/08/1982
				FI	813571 A	28/07/1982
				IT	1151708 B	24/12/1986
				IT	8219293 D	00/00/0000
<hr/>						
WO	0244467	A2	06/06/2002	AU	2076702 A	11/06/2002
				CA	2429986 A	06/06/2002
				CN	1478163 T	25/02/2004
				EP	1339914 A	03/09/2003
				FI	20002630 D	00/00/0000
				US	20040069433 A	15/04/2004
<hr/>						
US	6334933	B1	01/01/2002	AT	268408 T	15/06/2004
				AU	3967900 A	10/11/2000
				CA	2331320 A	02/11/2000
				DE	60011219 D	00/00/0000
				EP	1127187 A,B	29/08/2001
				SE	1127187 T3	
				FI	113788 B	00/00/0000
				FI	990823 A	15/10/2000
				FI	991029 A	15/10/2000
				WO	0065152 A	02/11/2000
<hr/>						

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US	4851119	A	25/07/1989	AT	221386	A	15/02/1988
				AT	386544	B	12/09/1988
				AU	599126	B	12/07/1990
				AU	7673687	A	25/02/1988
				BE	1000809	A	11/04/1989
				CA	1320866	A,C	03/08/1993
				CH	675393	A	28/09/1990
				DE	3725528	A,C	03/03/1988
				ES	2005262	A	01/03/1989
				FI	93871	B,C	28/02/1995
				FI	873426	A	19/02/1988
				FR	2602693	A,B	19/02/1988
				GB	2194169	A,B	02/03/1988
				GB	8719144	D	00/00/0000
				IT	1222490	B	05/09/1990
				IT	8721643	D	00/00/0000
				JP	1615324	C	30/08/1991
				JP	2040437	B	11/09/1990
				JP	63101098	A	06/05/1988
				LU	86970	A	16/12/1987
				NL	192095	B,C	01/10/1996
				NL	8701940	A	16/03/1988
				SE	466739	B,C	30/03/1992
				SE	8703163	A	19/02/1988
				SU	1498377	A	30/07/1989
				ZA	8706112	A	29/06/1988

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